

01/23/01



jc985 U.S. PTO

01-24-01

A

Box SEP

**UTILITY PATENT APPLICATION TRANSMITTAL**  
 (only for new and continuation-in-part  
 nonprovisional applications under 37 CFR  
 1.53(b))

Docket No.:

P-NI 4577

jc985 U.S. PTO

09/768020



01/23/01

Address to: COMMISSIONER FOR PATENTS  
 Box Patent Application  
 Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: EL 690154931US

DATE OF DEPOSIT: January 23, 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING  
 DEPOSITED WITH THE UNITED STATES POSTAL SERVICE  
 "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER  
 37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE, AND IS  
 ADDRESSED TO: COMMISSIONER FOR PATENTS  
 WASHINGTON, D.C. 20231.

LITAN PUTHUVALIL

(TYPED OR PRINTED NAME OR PERSON MAILING PAPER OR FEE)

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

This is a request for filing a  
X new utility patent application under 37 CFR 1.53(b)(1).

\_\_\_\_\_ continuation-in-part under CFR 1.53(b)(2) of prior  
 application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
 (list entire parentage).

Title: **METHOD FOR FUNCTIONAL MAPPING OF AN ALZHEIMER'S DISEASE  
 GENE NETWORK AND FOR IDENTIFYING THERAPEUTIC AGENTS FOR  
 THE TREATMENT OF ALZHEIMER'S DISEASE**

Inventor(s) (full name of each inventor): **Ralph J. Greenspan and  
 Gerald M. Edelman**

Enclosed are:

X Return receipt postcard  
X Patent Application Bibliographic Data Sheet  
X 1 Page application cover sheet  
X 79 Pages of specification (includes claims and abstract)  
X 8 Sheets of drawing(s)  
 \_\_\_\_\_ Pages of an executed Declaration for Patent Application  
 \_\_\_\_\_ An executed Power of Attorney for Patent Application by  
 Assignee  
X Paper copy of sequence listing, pages 1 through 27  
X Sequence listing in computer readable form  
X Statement Under 37 CFR 1.821(f)  
 \_\_\_\_\_ An executed assignment and cover sheet

Inventors: Greenspan and Edelman  
Docket No.: P-NI 4577  
Page 2 of 3

\_\_\_\_ An executed Statement Under 37 CFR 3.73(b)  
\_\_\_\_ An executed small entity statement  
\_\_\_\_ Request for Nonpublication and Certification  
\_\_\_\_ Also enclosed:\_\_\_\_\_

\_\_\_\_ This application is based on prior foreign application(s)  
No.(s)\_\_\_\_\_, filed in \_\_\_\_\_ on \_\_\_\_\_  
\_\_\_\_\_, respectively, and priority is hereby claimed therefrom.

\_\_\_\_ This application is based on, and claims the benefit of, U.S.  
Provisional Application No. 60/\_\_\_\_\_, filed \_\_\_\_\_, and  
entitled \_\_\_\_\_, and which is incorporated herein  
by reference.

  x   This application is based on, and claims the benefit of, U.S.  
Provisional Application No. 60/\_\_\_\_\_ (yet to be assigned),  
filed **January 24, 2000**, which was converted from U.S. Serial  
No. **09/490,243**, and entitled **METHOD FOR FUNCTIONAL MAPPING OF  
AN ALZHEIMER'S DISEASE GENE NETWORK AND FOR IDENTIFYING  
THERAPEUTIC AGENTS FOR THE TREATMENT OF ALZHEIMER'S DISEASE**,  
and which is incorporated herein by reference.

The filing fee has been calculated as shown below:

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	36 - 20	=	16	x	\$9	\$18	=	\$	\$0
Indepen- dent Claims	6 - 3	=	3	x	\$40	\$80	=	\$	\$0
Multiple Dependent Claims Presented:___ Yes <u>  x  </u> No					\$135	\$270		\$	\$0
					BASIC FEE			\$355	\$710
					TOTAL FEE			\$	\$0

\_\_\_\_ A check in the amount of \$\_\_\_\_\_ to cover the filing fee is  
enclosed.

  x   The payment of the filing fee is to be deferred until the  
Declaration is filed. Do not charge our deposit account.

Inventors: Greenspan and Edelman  
Docket No.: P-NI 4577  
Page 3 of 3

— The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

Address all future communications to:

Cathryn Campbell  
CAMPBELL & FLORES LLP  
4370 La Jolla Village Drive, 7<sup>th</sup> Floor  
San Diego, California 92122  
telephone: (858) 535-9001  
facsimile: (858) 535-8949  
**USPTO CUSTOMER NO. 23601**

Respectfully submitted,

Date: January 23, 2001

Andrea L. Gashler  
Andrea L. Gashler  
Registration No. 41,029  
CAMPBELL & FLORES LLP  
4370 La Jolla Village Drive, 7<sup>th</sup> Floor  
San Diego, California 92122

PATENT

Our Docket: P-NI 4577

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: )  
Greenspan and Edelman ) Group Art Unit: Unknown  
Serial No.: Unknown ) Examiner: Not Yet Assigned  
Filed: Herewith )

For: METHOD FOR FUNCTIONAL  
MAPPING OF AN ALZHEIMER'S  
DISEASE GENE NETWORK AND  
FOR IDENTIFYING  
THERAPEUTIC AGENTS FOR  
THE TREATMENT OF  
ALZHEIMER'S DISEASE )

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: EL690154931US

DATE OF DEPOSIT: January 23, 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE  
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE  
UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS  
ADDRESSED TO THE COMMISSIONER FOR PATENTS, ATTENTION  
BOX PATENT APPLICATION, WASHINGTON, D.C. 20231.

*L. JAN PUTHUNALIL*

Printed Name of Person Mailing Paper or Fee

*L. Jan Puthunalil*  
Signature of Person Mailing Paper or Fee

Asst. Commissioner for Patents  
Washington, D.C. 20231

Sir:

**STATEMENT UNDER 37 C.F.R. § 1.821(f)**

I hereby state that the content of the paper and  
computer readable copies of the Sequence Listing, submitted in  
accordance with 37 CFR § 1.821(c) and (e), respectively, are the  
same.

Respectfully submitted,

January 23, 2001

Date

*Andrea L. Gashler*

Andrea L. Gashler

Registration No. 41,029

Telephone: (858) 535-9001

Facsimile: (858) 535-8949

CAMPBELL & FLORES LLP  
4370 La Jolla Village Drive  
Suite 700  
San Diego, California 92122